



Industrial de Valvulas, S.A de C.V.
 Av. de La Industria Lote 16 Fracc. Industrial El Trebol
 Tepozotlan, Estado de México C.P. 54600

(Numero) Number V07C8962
 (Fecha) Date 09/11/2007

QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

ASEGURAMIENTO DE CALIDAD CERTIFICADO DE CUMPLIMIENTO

WE CERTIFY THAT THE PRODUCT LISTED BELOW WAS DESIGNED, MANUFACTURED AND TESTED ACCORDING TO OUR QUALITY SYSTEM AND REQUIREMENTS GIVEN IN ONE OR MORE OF THE FOLLOWING STANDARDS:
 (CERTIFICAMOS QUE EL PRODUCTO LISTADO ABAJO FUE DISEÑADO, FABRICADO Y PROBADO DE ACUERDO CON NUESTRO SISTEMA DE CALIDAD Y CON REQUISITOS ESTABLECIDOS EN UNO O MAS DE LOS SIGUIENTES ESTANDARES.)

- VALVE INSPECTION AND TESTING
- METAL PLUG VALVES - FLANGED, THREADED AND WELDING
- PIPELINE VALVES - GATE, PLUG, BALL ANF CHECK
- FACE TO FACE AND END TO END DIMENSIONS OF VALVES
- VALVES - FLANGED, THREADED AND WELDING ENDS
- FORGED FITTINGS, SOCKET - WELDING AND THREADED
- PRESSURE TESTING OF STEEL VALVES
- COMPACT STEEL GATE VALVES - FLANGED, THREADED, WELDING AND EXTENDED - BODY ENDS

Part No. AC081A12MAB

(Codigo) 8" Fig. 5202 F 3HF WCB, API TRIM No.12 790000M

Description CAST STEEL GATE VALVE
 (VALVULA COMPUERTA DE ACERO FUNDIDO)
 MANUFACTURED TO MEET NACE MR-01-75-2003 REQUIREMENTS *TS AND LOW FLUCTIVE EMISSIONS CONTROL
 (VALVULA SERVICIO NACE MR-01-75 *Y CONTROL DE EMISIONES FUGITIVAS 50 PPM'S)

PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)	
HYDROSTATIC (PSD) (HIDROSTATICA)	450	450	1	2
PNEUMATIC (PSD) (NEUMATICA)			80	80

CHEMICAL COMPOSITION (%)

ITEM (PARTS) (CODIGOS)	HEAT No. (COLADAS)	MATERIAL (ASTM)	COMPOSICIÓN QUIMICA (%)															
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	TENS KPSI CVN@	YIELD KPSI 1ST	ELG %	RED %	BHN AVG
BONNET	WH18752	ASTM A-216/WCB	0.190	0.885	0.028	0.026	0.499	0.039	0.050	0.012	0.025	0.003		81.34	43.79	28	57	154
BONNET	WH24531	ASTM A-216/WCB	0.215	0.900	0.027	0.018	0.461	0.047	0.058	0.023	0.037	0.006		82.65	51.04	32	56	160
WEDGE DISCO	WH24819	ASTM A-216/WCB	0.212	0.855	0.035	0.020	0.483	0.008	0.031	0.015	0.031	0.005		71.19	44.95	31	56	152

FACI0-21 REV "2"

CERTIFICADO POR: ASSEGURAMIENTO DE CALIDAD

CERTIFIED BY: SANDRA RUIZ

QUALITY ASSURANCE